The University of British Columbia

ANNOUNCEMENT

OF

THE SUMMER SESSION

TENTH SESSION

JULY 2ND TO AUGUST 24TH, 1929

VANCOUVER, BRITISH COLUMBIA

THE UNIVERSITY BOOK STORE

The Book Store, which occupies a room in the Auditorium Building, was established for the convenience of the students, and has effected a considerable saving to the students in time and money. It is prepared to supply all the text books required for the various courses offered in the University, also such articles as note books, loose-leaf sheets, fountain pens, drawing paper and instruments.

The store is open Monday to Friday, from nine to five o'clock, and Saturday, from nine to one.

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THE UNIVERSITY OF BRITISH COLUMBIA
SUMMER SESSION—1929

TIME-TABLE OF LECTURES

Monday, Tuesday, Wednesday, Thursday, Friday

8 a.m.—	Physics 1 (a) and 2 (a); Philosophy 1 (b);		Government 1	Mathematics 1 (a);
9 a.m.—	Chemistry 2 (a); English 2 (a) 1;	Mathematics 1 (b); Beginners' German.	Philosophy 1 (a) Government 1	English 1 (a); Physics 1 (b) and 2 (b);
10 a.m.—	Economics 1 (a); English 9;	Education 2;	English 1 (b); History 1;	English 2 (a) 2; History 3; Chemistry 2 (b);
11 a.m.—	History 2;	Education 3; Latin 1 (b);	English 16;	English 2 (b); Economics 1 (b);
12 noon—	History 4;	Latin 2 (b);	Beginners' German.	
1 p.m.—	French 1 (a); French 2 (a);	Educational Supervision.	Philosophy 7	
2 p.m.—	French 1 (b); French 2 (b);	Educational Supervision.	Philosophy 7	
3 p.m.—				

BIOLOGY AND BOTANY

2 p.m.—Biology 1 (a) Lect. (Monday, Wednesday and Thursday); Biology 1 (b); Lect. (Tuesday and Friday).

3 p.m.—Biology 1 (a) Lab. (Monday and Thursday); Biology 1 (b) Lab. (Tuesday and Friday); Biology 1 (b) Lect. (Wednesday).

4 p.m.—Biology 1 (a) Lab. (Monday and Thursday); Biology 1 (b) Lab. (Tuesday and Friday).

COMMERCIAL WORK

9-10—Stenography I; Accounting II.
10-11—Stenography II; Accounting I.
11-12—Laboratory Work for all.

Note.—The laboratory hours in Chemistry and Physics will be arranged, so far as possible, to suit the needs of students.

The courses in Commercial Work are given in the High School of Commerce, Tenth Avenue and Oak Street, Vancouver.

A schedule of the rooms in which the above lectures are given will be posted on the bulletin board, and copies will be distributed to students at the beginning of the Summer Session.

SUMMER SESSION

OF

The University of British Columbia

VANCOUVER, B. C.

TENTH SESSION, BEGINNING JULY 2ND, 1929

The applicant should fill in and return this leaf to the Director of the Summer Session, without delay.

**I intend to register for the following courses in the Summer*

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Kindly have the University Book-store procure the following books for me.

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Signed.....

Address.....

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*This is not a registration form. All students are required to register at the Registrar's Office, on or before July 2nd.

SUMMER SESSION

OFFICERS AND STAFF

L. S. KLINCK, M.S.A., D.Sc., LL.D., President of the University.
GEORGE M. WEIR, M.A., D.Paed., Director of Summer Session.
, Assistant Director of Summer Session.
STANLEY W. MATHEWS, M.A., Registrar.
MISS E. B. ABERNETHY, B.A., Assistant Registrar.
F. DALLAS, Bursar.
JOHN RIDINGTON, Librarian.

BIOLOGY

Head of Department—ANDREW H. HUTCHINSON, M.A., Ph.D.

CHEMISTRY

Head of Department—ROBERT H. CLARK, M.A., Ph.D.

COMMERCIAL WORK

Head of Department—W. K. BEECH, M.A., B.Paed.

ECONOMICS

Head of Department—THEODORE H. BOGGS, M.A., Ph.D.

EDUCATION

Head of Department—GEORGE M. WEIR, M.A., D.Paed.

ENGLISH

Head of Department—G. G. SEDGEWICK, B.A., Ph.D.

FRENCH

Head of Department—H. ASHTON, M.A., D.Lett., D.Litt., F.R.S.C.

GERMAN

Head of Department—H. ASHTON, M.A., D.Lett., D.Litt., F.R.S.C.

HISTORY

Head of Department—D. C. HARVEY, M.A.

LATIN

Head of Department—LEMUEL ROBERTSON, M.A.

MATHEMATICS

Head of Department—DANIEL BUCHANAN, M.A., Ph.D.

PHILOSOPHY

Head of Department—H. T. J. Coleman, B.A., Ph.D.

PHYSICS

Head of Department—T. C. Hebb, M.A., B.Sc., Ph.D.

A list of the names of Instructors appointed to do Summer Session work in 1929 will be issued in due course.

DATES OF SUMMER SESSION, 1929

1928

October 1st—Last day for registration of students desiring six units credit.

1929

July 2nd—Last day for registration of all other students.

July 2nd—Supplemental Examinations.

July 3rd and 4th—Examinations on Preparatory Readings.

July 5th—Lectures begin. (Mass Meeting of Students in University Auditorium at 9 a.m.)

August 22nd—Last day of Lectures.

August 23rd and 24th—Final Examinations.

ADMISSION TO THE UNIVERSITY

(Reprinted for convenience from the University Calendar)

All enquiries relating to admission to the University should be addressed to the Registrar.

1. Except under special circumstances no student under the age of sixteen is admitted to the First Year courses in the Faculty of Arts and Science, and no student under the age of seventeen to the Second Year courses in the Faculty of Arts and Science.

2. Candidates for admission to the courses in the First Year of the Faculty of Arts and Science are required to pass the Junior Matriculation Examination of the Province of British Columbia or to submit certificates showing that they have passed an equivalent examination elsewhere.

3. Students who have passed the Senior Matriculation Examination are admitted to the courses of the Second Year in the Faculty of Arts and Science. Students who have partial Senior Matriculation standing will be granted credit in First Year Arts in each subject in which they have made 50 per cent. or over, or in each paper in which they have made 50 per cent. or over in so far as these papers correspond with those of First Year Arts.

4. Certificates or diplomas showing that a candidate has passed the Matriculation Examination of another University will be accepted in lieu of the Junior or Senior Matriculation Examinations if the Faculty concerned considers that the examination has covered the same subjects and required the same standard. If, however, the examination covers some but not all of the necessary subjects the candidate will be required to pass the Matriculation Examination in the subjects not covered.

5. *A candidate who wishes to enter by certificates other than a Matriculation certificate issued in British Columbia should submit to the Registrar the original certificates. If he wishes these returned to him, he must present also a copy of each certificate for record at the University. He should under no circumstances come to the University without having first obtained from the Registrar a statement of the value of the certificates he holds, as these may lack one or more essential subjects, or the work done in a subject may not be adequate, or, again, the percentage gained may not be sufficiently high. Moreover, it must be remembered that a certificate may admit to one Faculty and not to another. When an applicant's diploma or certificate does not show the marks obtained in the several subjects of the examination he must arrange to have a statement of his marks sent to the Registrar by the Education*

Department or University issuing such diploma or certificate. The fee for examination of certificates is $2.00.

6. A student of another University applying for exemption from any subject or subjects which he has already studied is required to submit with his application a calendar of the University in which he has previously studied, together with a complete statement of the course he has followed and a certificate of the standing gained in the several subjects. The Faculty concerned will determine the standing of such a student in this University. The fee for the examination of certificates is $2.00.

7. No candidate under 18 years of age will be admitted to the University without complete Junior Matriculation; and no candidate over 18 years of age who has deficient Matriculation standing will be admitted without the special permission of the Faculty concerned.

8. The Junior and Senior Matriculation Examinations of the Province of British Columbia are conducted by the High School and University Matriculation Board of the Province. This Board consists of members appointed by the Department of Education and by the University. The requirements for Matriculation may be obtained in the publication, "Requirements for Matriculation," issued by the University, or in the "Courses of Study," issued by the Department of Education.

THE SUMMER SESSION, 1929

GENERAL INFORMATION

The University is now settled in its new quarters at Point Grey, about six miles from the centre of Vancouver, and provides in the new buildings ample accommodation for the classroom and laboratory work of the Summer Session.

There is a convenient transportation service from Vancouver. Buses operated by the B. C. Electric Railway run from the street car line at the corner of Tenth Avenue and Sasamat Street, direct to the University. The bus fare is five cents, but students will, on application, receive from the Registrar a certificate entitling them to travel at a special three-cent rate.

There is extensive boarding-house accommodation in West Point Grey within a ten minutes' ride by bus from the University. Good board and lodging can be obtained at a cost of $40.00 a month and upwards; or, separately, board at $35.00 and upwards per month, and room at from $5.00 to $10.00.

To meet the conditions under which the Summer Session is being held, the University cafeteria will serve luncheon and supper; it will also supply light refreshments throughout the day at reasonable rates. The cafeteria is situated in the Auditorium Building and possesses most modern equipment for the service and convenience of patrons. The management of the cafeteria is prepared to cater to picnic and luncheon parties arranged by the students.

REGISTRATION AND ATTENDANCE

1. *No person will be admitted to a class except upon presentation of a certificate of registration.*

Students who undertake preparatory work entitling them to the maximum credit of six units in one session are required to register on or before October 1, *or, subject to the penalty applying to late registration, between October* 1 *and January* 1.

All other students are required to register on or before the opening day of the session, but, with the exception of students seeking to remove supplementals or repeating courses in which they have failed in the Winter Session, may not register for more than four and a half units of credit.

A fee of two dollars ($2.00) *will be charged for late registration.*

2. All students desiring to obtain formal credit for work done in the Summer Session must, upon entrance, present evidence of Junior Matriculation standing or its equivalent.

3. Summer Session students shall be registered as follows:

Students whose Full Junior Matriculation standing has not been approved shall register as *Partial* students.

Students proceeding to a degree in due course whose Full Junior Matriculation standing has been approved shall register as *First Year* students until they have completed the 15 units of work prescribed by the Calendar.

Students proceeding to a degree in due course with Full First Year standing shall register as *Second Year students* until they have completed the Second Year in conformity with Calendar regulations.

Those students only may register as *Third or Fourth Year* students who have completed the work of the previous years in accordance with Calendar regulations.

4. Students must attend regularly the classes in a course for which they register. Those whose unexcused absences from such a course exceed one-eighth of its total number of meetings will not be credited with attendance in that course.

FEES

All cheques must be certified and made payable to "The University of British Columbia."

Fees are payable on registration, otherwise an additional fee of $2.00 will be exacted.

For students registering in October for preparatory work one-half of the fees is payable on registration, and the balance at the beginning of the Summer Session in the following July.

For Saturday Morning, Late Afternoon and Evening Classes one-half of the fees is payable on registration, and the balance in January of the following year.

Minimum fee	$20.00
For three units (at the rate of $13 for 1½ units)	26.00
For six units	52.00
For Commercial Course	20.00
Summer Session Association	1.00

Special fees are:—

Regular supplemental examination, per paper	$ 5.00
Special examination, per paper	7.50
Graduation	20.00

Supplemental examination fees must be paid two weeks before the examination, special examination fees when application for examination is made, and graduation fees two weeks before Congregation.

Students borrowing books from the University Library for Preparatory Reading courses, will be required to make the usual deposit of two dollars ($2.00), with the Librarian to cover mailing cost.

COURSES LEADING TO THE DEGREE OF B.A.

1. The degree of B.A. will be granted on completion of courses amounting to 60 units chosen in conformity with Calendar regulations. These regulations, to which all students proceeding to a degree must give careful attention, are fully set forth on pages 67 to 72 of the calendar for 1928-29.

2. Candidates for the degree are advised to attend at least one Winter Session, preferably that of the Fourth Year.

3. A student seeking the degree of B.A. without attending a Winter Session in his Fourth Year will be required to write, in addition to the examinations in each course, one paper in each of the two departments in which his major work has been done. These papers will be on the whole of the undergraduate's Third and Fourth Year work in those departments. (See regulation regarding Major subjects on p. 71 of the Calendar.)

4. The maximum credit for Summer Session work in any one Calendar year is six units.

For students desiring this maximum credit, preparatory work in the form either of prescribed reading or of a correspondence course (as may be determined by the Department offering the course), will be provided from October 1 to June 30 prior to the Summer Session, and this preparatory work will be tested by an examination to be written in the first week of the Summer Session. Students are expected to correspond with the instructors in charge regarding difficulties arising in connection with such work. (This preparatory work is quite distinct from the Reading Course for Fourth Year undergraduates referred to in paragraph 7.)

If a student does not write the above examination on the preparatory readings, or if he fails in it, he may not register for more than 4½ units of work.

Students, however, seeking to remove supplementals or repeating a course in which they failed in the Winter Session, may register for 6 units of work for credit without undertaking the preliminary work.

Winter Session students, taking Summer Session courses not already attempted in the Winter Session, may not register for more than 4½ units of credit.

In no case will a candidate be granted credit for more than six units of work in any Summer Session, nor will he be credited with attendance at courses in excess of six units.

5. Third and Fourth Year undergraduates in Arts may now take 6 units of work in Education for credit towards the B.A. degree.

6. First and Second Year courses may be taken in the Third or Fourth Year, but only with the consent of the Department concerned and of the Department in which the candidate is doing his major work, and no such course (with the exception of Third and Fourth Year subjects which are open to Second Year students)

will be counted for more than 2 units in the Third or Fourth Year. But the department in which such a course is taken may supplement it by a reading course or special course counting one unit.

7. Reading courses will be open to Summer Session students in the same way as to Winter Session (i.e. one course not exceeding 3 units in the Fourth Year, subject to the approval of the department concerned). A Summer Session student will be deemed to be in his Fourth Year when he has completed his First and Second Years and fifteen units of credit in Third and Fourth Year subjects.

8. Reading courses will be open only to students who are proceeding to a B.A. degree by Winter Session or Summer Session at this University (except, as at present, to M.A. candidates).

9. Afternoon and evening classes to be held at the University may be arranged, and, if so, may be taken for credit by students proceeding to the B.A. degree, who are at least 18 years of age and who have completed Senior Matriculation or First Year Arts.

10. The maximum credit for work other than that of the regular Summer and Winter Sessions may not exceed 15 units subsequent to Senior Matriculation or First Year Arts, nor 3 units in any one academic year.

11. Extra-mural work done at other universities prior to registration at this University may be accepted if approved by Faculty, but may not exceed the total number of units of credit obtainable at this University without attendance at either Winter or Summer Session.

12. If credit is granted for extra-mural work taken elsewhere, the total amount of work which the student concerned may take at this University without attendance at a Winter or Summer Session will be correspondingly reduced.

13. No credit will be granted for extra-mural work done at other universities in the same academic year in which any work has been attempted at this University, whether in the Summer Session or in the Winter Session or by Reading Courses or Afternoon and Evening classes.

EXAMINATIONS AND ADVANCEMENT

1. At the close of the Summer Session examinations are held in all of the courses for which credit is given. Examinations in other courses may be given at the discretion of the instructor.

2. The passing mark on each paper is 50 per cent. Credit, however, will not be granted for any part of a course until the whole course has been completed. Part courses in different subjects may not be combined.

3. Students attending Afternoon and Evening classes will be tested by the ordinary Winter Session examinations.

4. In any course which involves both laboratory work and written examinations, students may be debarred from examination if they fail to present satisfactory results in laboratory work, and they will be required to pass in both parts of the course.

5. Supplemental examinations may be granted by Faculty to Summer Session students in the subject or subjects in which they have failed, but a student obtaining less than 30 per cent. in a subject will not be granted a supplemental in that subject except by special permission of Faculty.

6. If a student fails in two supplementals or special examinations in respect of the same Summer Session course, no further supplemental or special examination will be granted to that student in respect of that course.

7. Special examinations may be granted by special permission of Faculty, but may not be taken before October 1st of the year in which the Summer Session was attended.

8. Supplemental and Special examinations will be granted to students attending Afternoon or Evening classes on the conditions governing Summer Session examinations.

COURSES OF STUDY

(For 1928-29)

NOTE 1. It is expected that a sequence, providing greater continuity in the selection of courses leading to the B.A. degree, will be ready for inclusion in the Summer Session Announcement, 1930.

NOTE 2. The attention of students is drawn to the preparatory readings which follow the outline of each course.

All students desiring the maximum credit of six units must pass an examination on the preparatory readings of their courses, which will be held on July 3 and 4, 1929.

Biology

1. *General Biology.*

Text-book: Smallwood, *A Text-book of Biology,* Lea & Febiger.

1 (a). Three lectures and two laboratory periods a week.

1 (b). Three lectures and two laboratory periods a week.

Note: The summer course in parts (a) and (b) may be taken concurrently, and together constitute the equivalent of Biology 1.

Preparatory reading: The attention of students is drawn to the University requirements for Senior Matriculation.

Preparatory reading will consist of material available from *any three* of the reference books listed at the end of the Senior Matriculation outline for Biology, on the topics included in the same outline.

Chemistry

2 (a). Two lectures and three laboratory periods of five hours each per week.

2 (b). Three lectures and two laboratory periods of five hours each per week.

Text-book: A. A. Noyes, *Qualitative Analysis,* MacMillan Co. Cumming & Kay, *Quantitative Analysis,* Gurney & Jackson.

The completion of parts (a) and (b) will entitle the student to credit in Chemistry 2.

Preparatory reading: Chapters XVII, XVIII and XXXIII to XLIX inclusive, of *Smith's College Chemistry* must be carefully reviewed.

Commercial Work—Advanced

(Not for University credit).

This course is designed to cover two Summer Sessions. Teachers holding Academic or First Class Certificates who complete the course may be granted Assistant High School Teachers' Certificates for Commercial Subjects. The final examination for the granting of certificates will be held by the Department of Education at the end of the Summer Session.

The purposes of the course are twofold, namely:

(1) To give certificated teachers a working knowledge of the content of the Commercial Courses in the High Schools of the Province, and

(2) To train teachers in the latest and most approved methods of teaching the work.

The above work will be given in the Session of 1928, in two parts: Part I for beginners, and Part II for those who have completed Part I and others with advanced standing in the subject sufficient to warrant exemption from Part I.

A complete statement of the courses in various subjects and the requirements for certification of teachers of Commercial Subjects may be found on pages 71 and 72 of the Courses of Study for 1927-28 issued by the Department of Education.

Economics

1. *Principles of Economics.* An introductory study of general economic theory, including a survey of the principles of value, prices, money and banking, international trade, tariffs, monopoly, taxation, labour and wages, socialism, the control of railways and trusts, business fluctuations, etc.

Preparatory reading: *Economics for the General Reader,* Clay. *Economics for Canadian Readers,* McGibbon.

References: *Principles of Economics,* Marshall. *Principles of Economics,* Taussig. *Principles of Political Economy,* Nicholson.

Texts: Fairchild, Furniss, Buck, *Elementary Economics. The Canada Year Book* 1928.

Economics 1 is the prerequisite for all other courses in the department, but may be taken concurrently with Government 1.

10 hours a week. 3 units.

A student who has already received credit for Economics 1 (a) may register for the second half only of this course as 1½ units.

Government

1. Constitutional Government. This course deals with the nature, origin, and aims of the State; and with the organization of government in the British Empire, the United States of America, France and Germany.

Preparatory reading: Jenks, *The State and the Nation.* Munro, *The Governments of Europe.*

References: To be assigned.

10 hours a week. 3 units.

Education

2. *Elementary Educational Psychology.*

A survey of the field of psychology as applied to education. The following topics among others, will be considered:

Individual differences in relation to heredity and environment, the learning process, the technique of study, formal discipline and transfer of training, work and fatigue, applications to the elementary and high school subjects.

Texts: Cameron, *Educational Psychology,* The Century Co. Reed, *Psychology of Elementary School Subjects,* Ginn & Co.

References: Gates, *Elementary Psychology* (Revised Edition). Macmillan. Freeman, *The Psychology of the Common Branches,* Crawford, *The Technique of Study,* Houghton Mifflin. Judd, *Psychology of Secondary Education,* Ginn & Co. Skinner, Gast, Skinner, *Readings in Educational Psychology,* Appleton. Griffith, *General Introduction to Psychology,* Macmillan.

Preparatory reading: Texts (as mentioned above) by the following authors: Cameron or Gates; Reed or Freeman; Griffith.

5 hours a week. 1½ units.

3. *History and Principles of Education.*

The meaning and philosophic basis of education will be approached through a study of the great educational reformers and movements from the classical period to the present, with special reference to educational development since 1800.

The above survey will be followed by a study of modern educational tendencies in British Columbia, Ontario, England, the United States, France and Germany with more particular reference to the post-war period.

Texts: Cubberley, *A Brief History of Education,* Houghton Mifflin Co. Chapman & Counts, *Principles of Education,* Houghton Mifflin Co. Reisner, *Nationalism and Education,* Macmillan.

References: Cubberley, *Readings in the History of Education,* Houghton Mifflin Co. Graves, *Great Educators of Three Centuries,* Macmillan. Woodburne, *Human Nature and Education,* Oxford University Press. Williams & Rice, *Principles of Secondary Education,* Ginn & Co. Peters, *Foundations of Educational Sociology,* Macmillan. Judd, *The Psychology of Social Institutions,* Macmillan. Sandiford (editor), *Comparative Education,* Dent & Sons.

Preparatory reading: Cubberley, *A Brief History of Education.* Chapman and Counts, *Principles of Education.* Reisner, *Nationalism and Education.*

5 hours a week. 1½ units.

Educational Supervision.

A course in Educational Supervision, to be given by an educationist actively engaged in this field, may be offered, provided that at least 30 students register and pay their fee by January 15, 1929. A 70-hour course. Fee $26. Not for University credit. (Fees will be refunded in case a sufficient number of students do not register).

English

1 (a). *Literature.* Elementary study of a number of literary forms to be chosen from the short story, the play, the novel, the essay, the simpler sorts of poetry.

Text-books: Sherman, *A Book of Short Stories,* Holt. Euripides, *Bacchae,* in Gilbert Murray's paraphrase. Shakespeare, *Julius Caesar.* Sheridan, *The School for Scandal,* Everyman. Ibsen, *A Doll's House,* Everyman. *An Anthology of Modern Verse,* Methuen.

5 hours a week.

1 (b). *Composition.* Elementary forms and principles of composition; expository themes; study of models.

5 hours a week.

The completion of Parts (a) and (b) will entitle the student to credit in English 1.

2 (a). *Literature.* Studies in the history of English Literature.

First Part: Lectures and texts illustrative of the chief authors and movements from Tottel's Miscellany to 1700.

5 hours a week.

Second Part: Lectures and texts illustrative of the chief authors and movements from 1700 to the death of Shelley.

5 hours a week.

Text-books: *Century Readings in English,* ed. Cunliffe, Century Publishing Co. Neilson and Thorndike, *A History of English Literature.*

Note.—A detailed list of the reading for English 2 (a) cannot be given here, but students who propose taking the course are advised to familiarize themselves with the longer works: Shakespeare, *Henry IV,* Part 1; *Macbeth;* Milton, *Paradise Lost,* Bk. 1; Pope, *Rape of the Lock;* Goldsmith, *Deserted Village;* Scott, *Old Mortality;* Jane Austen, *Pride and Prejudice.*

2 (b). Narrative and descriptive themes; the writing of reports.

3 hours a week.

The completion of (a), both parts, and (b) will entitle the student to credit in English 2.

9. *Shakespeare.* A detailed study of the text of *A Midsummer Night's Dream, King Lear, Anthony and Cleopatra.*

Preparatory reading: The texts of the plays listed above, and *The Facts About Shakespeare,* by Neilson & Thorndike, Macmillan.

16. *Romantic Poetry.* Studies in Romanticism based chiefly on the work of Scott, Byron, Shelley.

Preparatory reading: Poems of the writers mentioned above in Page's *British Poets of the Nineteenth Century,* Sanburn.

French

1 (a). Review of the essentials of French grammar and syntax applied to the correct writing of French.

Text-books: Clement & Macirone, *Voici la France,* Heath. Composition from Kastner & Marks, *French Composition,* Part 1.

5 hours a week.

1 (b). Review of the essentials of French grammar and syntax applied to the correct writing of French.

Text-books: Molière, *Les Précieuses Ridicules,* Longmans. Composition from Kastner & Marks, *French Composition,* Part 1.

5 hours a week.

The completion of Parts (a) and (b) will entitle the student to credit in French 1.

Preparatory reading: Ashton, *A Preface to Molière,* Longmans, pages 1-86. Bernardin de Saint-Pierre, *Paul et Virginie,* Hatier. Weekley, *French Prose Composition,* University Tutorial Press, pages 1-103.

2 (a). Exercises in French on the text read, written resumés and original composition in French.

Text-books: France, *Le Livre de mon Ami,* Oxford. Composition from Kastner & Marks, *French Composition,* Part 1.

5 hours a week.

2 (b). Exercises in French based on the text read, written resumés and original composition in French.

Text-books: La Fontaine, *One Hundred Fables,* Ginn. Molière, *Les Femmes Savantes,* Didier. Kastner & Marks, *French Composition,* Part 1.

5 hours a week.

The completion of Parts (a) and (b) will entitle the student to credit in French 2.

Preparatory reading: Ashton, *A Preface to Molière,* Longmans, pages 87 to end. Vigny, *Servitude et Grandeur Militaires,* Hatier. Wilson & Jaccard, *A First French Prose Composition,* Bell.

German

Beginners' German.

Composition, Grammar, Conversation. Text-books: (a) Zinnecker, *Deutsch für Anfänger,* Heath. (b) Haertel, *German Reader for Beginners.*

Since it is impossible to arrange preliminary reading for a beginners' course in German, further reading will be required after the completion of the Summer Course and a test given before admission to the next course, German 1. This required reading will consist of the part of Haertel's Reader not covered in class.

History

1. *Canada Since* 1763.

This course is a continuation of *Canada Under French Rule* offered last summer session. It will give an outline of the social, political and economic development of the British North American colonies to Confederation; and the growth of the Canadian Dominion to national status within the British Commonwealth.

Texts: Egerton, *History of Canada Part II,* 1763-1921. Lord Durham, *Report,* Methuen. Trotter, *Federation of Canada.* Borden, *Canadian Constitutional Studies.*

Preparatory reading: McArthur, *History of Canada.* Skelton, *The Canadian Dominion.* Whelan, *the Union of the British Provinces.* (Garden City Press, Gardenvale, Quebec).

Reference will be made during the session to *The Makers of Canada; The Chronicles of Canada;* and *Canada and Its Provinces.*

2. *The History of Western Canada.*

This course will trace the development of Canada west of the Great Lakes from the Union of the Companies in 1821 to the present day. More than half of the course will be devoted to the history of British Columbia.

No text-books are available for this course, but the following books are especially recommended for reading and reference:

Shortt and Doughty, editors, *Canada and Its Provinces.* Howay and Scholefield, *British Columbia,* Vols. I and II. Begg, Alexander, *History of the Northwest.* Begg, Alexander, C.C., *History of British Columbia.* Tyrrell, J. B., editor, *David Thompson's Narrative,* Champlain Society. Burpee, L. J., *The Search for the Western Sea.* Masson, L. F. R., *Les Bourgeois de la Compagnie du Nord-Ouest.* Davidson, G. C.,*The North West Company.* Bryce, G., *The Remarkable History of the Hudson's Bay Company.* Martin, C., *Lord Selkirk's Work in Canada.* Coats & Gosnell, *Sir James Douglas.*

Preparatory reading: McArthur, D. A., *History of Canada.* Wrong, G. M., *The Conquest of New France.* Skelton, O. D., *The Canadian Dominion.* Denton, V. L., *The Far West Coast* —the portions of these books which deal with Western Canada. Howay, F. W., *An Outline of the History of British Columbia.* (In the press).

5 hours a week.

The completion of courses 1 and 2 will entitle a student to 3 units credit in the First and Second years. Third and Fourth year students may supplement these courses by special reading to secure full credit.

3. *Medieval History,* 814-1453.

An outline study of the Middle Ages from the death of Charlemagne to the fall of Constantinople.

Text-book: Thorndike, *History of Medieval Europe.*

The following books are especially recommended for reading and reference: *Cambridge Modern History.* Munro, *The Middle Ages.* Bryce, *The Holy Roman Empire.* Oman, *The Dark Ages.* Tout, *The Empire and the Papacy.* Lodge, *The Close of the Middle Ages.* Orton, *Outlines of Medieval History.* Gibbon, *Decline and Fall of the Roman Empire.* Archer and Kingsford, *The Crusades.* Sabatier, *St. Francis of Assisi.*

Preparatory reading: Davis, H. W. C., *Medieval Europe,* Home University Library. Baynes, *The Byzantine Empire,* Home University Library. Perris, *History of War and Peace,* Home University Library, chapters III to VI. Barker, *Crusades,* (in Encyclopaedia Britannica, 11th edition). Rait, *Life at a Medieval University.* Wells, H. G., *Outline of History,* chapters 27 to 35 inclusive.

Five hours a week.

4. *The Revolutionary and Napoleonic Era,* 1789-1815.

An outline of the social, economic, and intellectual background of the French Revolution, the course of the movement, the war with Europe, the career and achievements of Napoleon, the resettlement of Europe in the Congress of Vienna.

Texts: Lowell, *The Eve of the French Revolution.* Rose, *The Revolutionary and Napoleonic Era.* Rose, *Life of Napoleon I.*

Preparatory reading: Bradby, *A Short History of the French Revolution.* Fisher, *Napoleon.* Young, *Travels in France.* Rousseau, *Social Contract.*

Books recommended for further reference: Taine, *L'Ancien Régime.* Aulard, *The French Revolution.* Madelin, *The French Revolution.* Madelin, *Danton.* Fournier, *Napoleon I.* Fisher, *Napoleonic Statesmanship in Germany.* Burke, *Reflections on the French Revolution. The Cambridge Modern History,* Volumes VIII and IX.

5 hours a week.

The completion of courses 3 and 4 will entitle the student to 3 units credit in the Third and Fourth years.

Latin

1 (a). Cicero, *De Senectute,* Shuckburgh-Egbert, Macmillan, N. Y. Bradley, *Arnold's Latin Prose Composition,* Longmans, Green, Exercises 1-9. Robertson & Robertson, *The Story of Greece and Rome,* Dent, chapters 1-32.

5 hours a week.

Given in 1930.

1 (b). Ovid, *Elegiac Selections,* Smith, Bell. Bradley, *Arnold's Latin Prose Composition,* exercises 10-19. Robertson & Robertson, *The Story of Greece and Rome,* chapters 33-54.

Preparatory reading: Ovid, *Elegiac Selections,* to page 26. Bradley, *Arnold's Latin Prose Composition,* introduction, (pages 1-30) and exercises 10-13. Robertson and Robertson, *The Story of Greece and Rome,* chapters 33-54.

5 hours a week.

Given in 1929.

The completion of parts (a) and (b) will entitle the student to credit in Latin 1.

2 (a). Cicero, *Pro Archia,* Hall, Macmillan. Horace, *Odes II,* Page, Macmillan. *Roman History.*—Boak, *A History of Rome to 565 A.D.,* Macmillan, chapters 1-15.

5 hours a week.

Given in 1930.

2 (b). Virgil, *Aeneid,* Book VI, Page, Macmillan. Boak, *A History of Rome to 565 A.D.,* chapters 16-20.

Preparatory reading: Virgil, *Aeneid,* Book VI, lines 1-336. Boak, *A History of Rome to 565 A.D.,* chapters 16-20.

5 hours a week.

Given in 1929.

The completion of parts (a) and (b) will entitle the student to credit in Latin 2.

All students of Latin are recommended to provide themselves with and to use, in conjunction with reading of texts, Allen & Greenough's *New Latin Grammar,* Ginn, or any other good Latin Grammar.

Mathematics

1 (a). *Algebra.* Three hours a week.

Text-book: Wilson & Warren, *An Intermediate Algebra,* (Chapters I to XV), Oxford.

1 (b). *Geometry.* Three hours a week.

Text-book: Buchanan & Nowlan, *Analytical Geometry* (Preliminary chapters).

1 (c). *Trigonometry.* Four hours a week.

Text-book: Playne & Fawdry, *Practical Trignometry,* Copp Clark. Wentworth & Hill, *Tables,* Ginn.

The completion of the three above courses will entitle the student to University credit in Mathematics 1. While the three

subjects may be taken concurrently, students are advised to take the Algebra one session and the Geometry and Trigonometry the following session. In any case the Trigonometry should be taken before, or along with, the Geometry.

Preparatory reading:

Algebra: Text, Chap. 1, Sections 10 to 18 inclusive, Chapters II and IV.

Geometry: Text, Chapters I and II.

Trigonometry: Text, Chapters II and III.

Philosophy

1 (a). *General Psychology.*

(a) Outline of the subject; specialized fields of psychology.

(b) An outline description of the nervous system; mental development in relation to the development of the nervous system.

(c) A study of the principal phenomena of mental development and an analysis of the special mental functions, sensation, perception, imagination, memory, etc.

(d) A study of instincts, innate tendencies and emotions.

(e) Development of habits.

(f) Adult behaviour.

(g) Relation of general psychology to the work of the teacher.

Text-book: Warren, *Elements of Human Psychology,* Houghton Mifflin.

5 hours a week.

Supplementary reading: *Psychology,* Breese. *The Learning Process,* Colvin. *Social Psychology,* Chapters 1 to 5, McDougall.

Preparatory reading: Terman, *The Measurement of Intelligence, The Intelligence of School Children, Hygiene of the School Child,* Houghton, Mifflin Co.

1 (b). *Logic.*

Text-book: Mellone, *Introductory Text-Book of Logic,* Blackwood (latest edition).

5 hours a week.

Preparatory reading: Pages 1 to 70 of the text-book.

The completion of the two above courses by qualified students will entitle to University credit in Philosophy 1. They are, however, open without credit to all other students in the Summer Session.

7. *Introduction to Education.* A course of lectures and discussions dealing with educational movements since the beginning

of the 19th century, and with the theories of life and of mind which are implicit in these movements.

Texts: Spencer, *Education,* Everyman Edition. Dewey, *Democracy and Education,* Macmillan.

References: Butler, *The Meaning of Education.* Moore, *What is Education?* Adams (ed.), *The New Teaching.* Holmes, *What is and What Might be.* Articles in Cyclopedia of Education, Macmillan.

Preparatory reading: R. L. Archer, *Selections From Rousseau,* Edward Arnold. Cubberley, *Introduction to the Study of Education,* Houghton Mifflin.

Philosophy 1 is recommended as preparatory to this course.

Three hours a week. 3 units.

Physics

The First Year Physics has been divided into two courses, 1 and 2, so as to conform with the Winter Session requirements.

The same lectures will be given to the two groups, but a different examination will be given and some distinction will be made in laboratory and other assigned work.

1 (a). *Mechanics, Properties of Matter and Heat.*

Five lectures and two two-hour laboratory periods per week.

1 (b). *Sound, Light and Electricity.*

Five lectures and two two-hour laboratory periods per week.

The above courses are the equivalent of *Physics* 1 in the University Calendar, and are open to students who have *not* obtained Matriculation standing in Physics. 1 (a) and 1 (b) may be taken concurrently.

Text-book: Stewart, *A Text-book for Colleges,* Ginn & Co.

References: Millikan, Gale & Pyle, *Elements of Physics,* Ginn & Co. Watson, *A Text-Book of Physics,* Longmans & Co.

2 (a). *Mechanics, Properties of Matter and Heat.*

Five lectures and two two-hour laboratory periods per week.

2 (b). *Sound, Light and Electricity.*

Five lectures and two two-hour laboratory periods per week.

The above courses are the equivalent of *Physics* 2 in the University Calendar, and are open to students who have passed the Matriculation examination in Physics. 2 (a) and 2 (b) may be taken concurrently.

Text-book: Stewart, *A Text-book for Colleges,* Ginn & Co.

References: Watson, *A Text-book of Physics,* Longmans & Co. Edser, *General Physics for Students,* Macmillan & Co.

Preparatory reading:

Physics 1 (a). *Stewart,* Sections 1, 2, 3, 4, 5, 6, 12, 15, 16, 17, 18, 19, 21, 22, 23, 32, 35, 36, 37, 38, 39, 40, 49, 50, 51, 52, 80, 81, 91, 92, 158, 159, 160, 161, 183, 184, 186, 193, 194, 202, 222, 223, and Chapter XXII.

Students are advised to work the problems at the end of each chapter.

Physics 1 (b). Review all work on Mechanics, Properties of Matter and Heat, and also Sections as follows: 340-361; 369-390; 396; 398-406; Chapter XXXVIII; 557-566.

Students are advised to work the problems at the end of each chapter.

Physics 2 (a) *Stewart,* Sections 1, 2, 3, 4, 5, 6, 12, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 32, 35, 36, 37, 38, 39, 40, 41, 49, 50, 51, 52, 80, 81, 91, 92, 158, 159, 160, 161, 183, 184, 185, 186, 193, 194, 195, 202, 222, 223, 260, 264, 265, and Chap. XXII.

Students are advised to work the problems at the end of each chapter.

Physics 2 (b). Review all work on Mechanics, Properties of Matter and Heat, and also the following sections: 369-397; 398-406; Chapter XXXVIII; 557-566.

Students are advised to work the problems at the end of each chapter.

The University of British Columbia issues the following official publications, any of which may be obtained on request from the Registrar:

1. Requirements for Matriculation.
2. The Calendar.
3. Announcement of the Summer Session.
4. Announcements of Short Courses in Agriculture.